Call For Papers - Test Technology Symposium 2004
Distributed Experimentation, Testing, Evaluation, and Training

TTS 2003 provided the necessary background for distributed testing in Service, Joint, and Coalition environments. TTS 2004 broadens the theme and the audience by focusing on Experimentation, Testing, Evaluation, and Training in a joint distributed environment. Three key concepts will be explored. (1) Experimentation quickly and inexpensively validates the utility of emerging technologies, (2) testing verifies and expands the technology application, and (3) training places the concepts/hardware into practice, establishes tactics and doctrine, and leads to success on the actual battlefield. Each phase of this maturation cycle will be accomplished using distributed networks and embedded instrumentation. This symposium allows participants to explore joint or multi-service techniques and joint evaluation of technical and operational concepts. We bring TTS 2004 to the Navy and Air Force in San Diego to continue to build and reinforce partnerships to ensure cross-service system interoperability and enable the goals of distributed testing to come to fruition. This symposium is the ideal forum for attendees to interface with their peers across service lines and to recommend improvements to the process.

SYMPOSIUM GOAL

Build and reinforce partnerships among all of the DOD acquisition organizations and to promote the concept of experimentation, testing, and training under the most realistic battlefield conditions; i.e., as a joint force. This, in turn, will support the mission of the Joint Forces Command.

SYMPOSIUM APPROACH

- Showcase the facilities, technologies and procedures available across the DOD base. Speakers from policy level to field operators will highlight successes and lessons learned.
- Build a distributed network in support of complex testing involving multiple weapons in joint force scenarios.
- Convene a joint service executive panel to promulgate policy and respond to conferee questions.
- Provide a forum for exhibits and poster papers illustrating advanced approaches and hardware for experimentation, testing, and training.

ABSTRACTS

Selected on technical merit, applicability to symposium theme, and interest to the test & evaluation, and training communities. Content may relate to one of the topics listed, or other areas relating to distributed testing/training. All abstracts (300 to 500 words) and papers must be unclassified and approved for public release.

Abstracts must be received by December 12, 2003

ABSTRACT SUBMISSION: E-mail to ahoward@tris.com.

NOTIFICATION: All authors will be notified of the abstract selection committee's action by **January 5, 2004**.

SECURITY: The symposium is UNCLASSIFIED.

PRESENTATION: Papers will be allotted a 30-minute time slot for presentation and may include multimedia and video content.

PROCEEDINGS: All submitted papers, presented or not, will be published in the symposium proceedings to be posted on the World Wide Web.

INVITATION: Look for the "Invitation To Attend" with additional details in a future mailing.

ATTENDEES: Attendees include Government (military and civilian), academia, and industry representatives from all phases of test technology development, management, application, and utilization.

EXHIBITS

Exhibit space is available to display products and services related to experimentation, testing, evaluation, and training. Space is provided at no cost. Exhibit services are billed to the exhibitor organizations. Contact TRI-S at 410-273-9414 or ahoward@tris.com to reserve a space and to receive an exhibitor information package. This symposium will be held in conjunction with Industry Day on April 27, 2004 at the same location.

SUGGESTED PAPER TOPICS

Joint Warfare Policy - Impact on Future Training and Testing

- Latest DOD 5000 acquisition and testing policy
- Distributed experimentation
- Distributed training
- Air Force/Navy/Army overview/policy
- BRAC implications

Organizational Roles and System Applications

- Evaluator role in distributed test/training
- SPAWAR role in joint testing/training
- Army TRADOC joint training/testing
- DISA Role
- Red Flag capabilities/plans for joint test and training
- USAF Theater Battle Management Core System, Joint Applications
- Joint Data Link Information Combat Execution (JDICE)
- USAF Multiple Platform Common Data Link
- Navy joint mission planning system
- DREN application of joint distributed testing/training
- Joint distributed simulation for SoS development, testing, and training
- Joint Simulation System (JSIMS)
- Global Information Grid applications

Specific Technologies in Support of Distributed Test/Training

- GPS enhancements
- Synthetic Environment Integrated Test Bed
- DNet update
- Joint telemetry sensor system updates
- Expanding JDEP and JOCAT (beyond interoperability certification)
- Embedded instruments programs
- High density/high speed memory for next generation embedded instruments
- ATEC Test Information Network (ATIN)
- OASIS
- VISION and STARSHIP applications
- Building a joint data repository
- Next generation networking
- Cyber-security technologies
- Next Generation Instrumentation Bus (NexGenBus)
- Lasers/directed energy technology in joint testing/training
- Testing "Link 16" architecture

ADDITIONAL INFORMATION

TRI-S Incorporated provides administrative support services for ATEC's Test Technology Symposium 2004. For additional information please contact:

Mr. Robert McDaniel - Technical Support

Ms. Annemarie Howard - Administrative Support

Phone: 410-273-9414/Fax: 410-273-7470

E-mail: ahoward@tris.com

Mailing Address: TRI-S Incorporated
    4 Howard Street
    Aberdeen, MD 21001

Questions regarding technical issues:

Mr. Steve Clark - Technical Coordinator

Phone: 410-278-1267, DSN: 298-1267 or 1474

Fax: 410-278-1475, E-mail: clarks@dtc.army.mil

To check out the most up-to-date TTS 2004 information, visit DTC on the World Wide Web at http://www.dtc.army.mil and choose the "events" link!

SYMPOSIUM SYNOPSIS

The US Army Developmental Test Command announces Test Technology Symposium 2004. The symposium will be held April 28 - 30 , 2004, in San Diego, California. In the era of Systems of Systems, the use of distributed testing becomes increasingly important. The program is structured to provide attendees with the most significant accomplishments in distributed testing. We invite you to submit your abstracts or plans for exhibits / demonstrations to TRI-S Incorporated. Please call Mr. McDaniel, 410-273-9414, for additional information.

ABSTRACT SUBMISSION
&
RELEASE FORM

Presentation Title

Paper Presenters

Organization

Address

Mail Stop/Attention Line

| City | State | Zip Code |

Point of Contact Name

Telephone

E-mail

I certify that the attached abstract, title as shown, is unclassified and approved for public release.

Signature   (Submission will not be accepted without signature)

E-mail submissions should be sent to ahoward@tris.com in Microsoft Word format, the release form should be faxed to 410-273-7470 or mailed to:

TRI-S Incorporated
4 Howard Street
Aberdeen, MD 21001

DEPARTMENT OF THE ARMY
TECHNOLOGY MANAGEMENT DIVISION (CSTE-DTC-TT-M)
US ARMY DEVELOPMENTAL TEST COMMAND
314 LONGS CORNER ROAD
ABERDEEN PROVING GROUND MD 21005-5055

CALL FOR PAPERS AND EXHIBITS

DTC Test Technology Symposium 2004
Distributed Experimentation, Testing,
Evaluation and Training
April 27 - 30, 2004

Call For Papers & Exhibits

Distributed Experimentation, Testing, Evaluation, and Training

Industry Day* included

* Industry Day - April 27, 2004

Test

Technology

Symposium

2004

April 27 - 30, 2004

Town and Country Resort & Convention Center San Diego, California

SPONSORED BY

U.S. Army Developmental Test Command